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PATENT  
Attorney Docket No. LEX-003

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANT(S): Gillies et al.  
SERIAL NO.: 10/256,156 GROUP NO.: 1647  
FILING DATE: February 24, 1999 EXAMINER: Hunnicutt, Rachel Kapust  
TITLE: Enhancing the Circulating Half Life of Antibody Based Fusion Proteins

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Sir:

In accordance with the provisions of 37 C.F.R. 1.97 and 1.98, Applicants hereby make of record the patents and publications listed on the accompanying Form PTO-1449, and other information contained herein, for consideration by the Examiner in connection with the examination of the above-identified patent application. Copies of the non-U.S. patent documents and non-patent publications are enclosed.

**REMARKS**

In accordance with the provisions of 37 C.F.R. 1.97, this statement is being filed (CHECK ONE):

- ☐ (1) within three (3) months of the **filing date** of a national application other than a continued prosecution application under 37 C.F.R. 1.53(d), or within three (3) months of the **date of entry of the national stage** as set forth in 37 C.F.R. 1.491 in an international application, or before the mailing of the **first Office action** on the merits, or before the mailing of a **first Office action** after the filing of a request for continued examination under 37 C.F.R. 1.114; or
- ☒ (2) after the period defined in (1) above but before the mailing date of any of a **final action** under 37 C.F.R. 1.113, a **notice of allowance** under 37 C.F.R. 1.311, or an action that otherwise closes prosecution in the application, and
- ☐ the requisite Statement is below, **OR**
- ☒ the requisite fee under 37 C.F.R. 1.17(p), namely **\$180.00**, is included herein; or

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- ☐ (3) after the period defined in (2) above but before the payment of the **issue fee**, **AND**
- ☐ the requisite Statement is below, **AND**
- ☐ the requisite petition fee under 37 C.F.R. 1.17(p), namely **\$180.00** is included herein.

It is respectfully requested that each of the patents and publications listed on the attached Form PTO-1449, and other information contained herein, be made of record in this application.

Respectfully submitted,



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FORM PTO - 1449 SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT				ATTORNEY DOCKET NO.: LEX-003 APPLICANT(S): Gillies <i>et al.</i> SERIAL NO.: 09/256,156 FILING DATE: February 24, 1999      GROUP: 1647			
U.S. PATENT DOCUMENTS							
EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A111	4,522,811	6/1/85	Eppstein <i>et al.</i>			
	A112	4,667,016	5/19/87	Lai <i>et al.</i>			
	A113	4,732,683	3/22/88	Georgiades <i>et al.</i>			
	A114	4,737,462	4/12/88	Mark <i>et al.</i>			
	A115	4,975,369	12/4/90	Beavers <i>et al.</i>			
	A116	5,082,658	1/21/92	Palladino			
	A117	5,091,513	2/25/92	Huston <i>et al.</i>			
	A118	5,399,346	3/21/95	Anderson <i>et al.</i>			
	A119	5,428,130	6/27/95	Capon <i>et al.</i>			
	A120	5,480,981	1/2/96	Goodwin <i>et al.</i>			
	A121	5,589,466	12/31/96	Felgner <i>et al.</i>			
	A122	5,614,184	3/25/97	Sytkowski <i>et al.</i>			
	A123	5,712,120	1/27/98	Rodriguez <i>et al.</i>			
	A124	5,738,852	4/14/98	Robinson <i>et al.</i>			
	A125	5,795,779	8/18/98	McCormick			
	A126	5,827,703	10/27/98	Debs <i>et al.</i>			
	A127	5,837,821	11/17/98	Wu <i>et al.</i>			
	A128	5,888,773	3/30/99	Jost <i>et al.</i>			
	A129	6,281,010	8/28/01	Gao <i>et al.</i>			
	A130	6,291,158	9/18/01	Winter <i>et al.</i>			
	A131	6,627,615	9/30/03	Debs <i>et al.</i>			
	A132	2004/0180035	9/16/04	Gillies <i>et al.</i>			

EXAMINER	DATE CONSIDERED
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<b>FOREIGN PATENT DOCUMENTS</b>									
<b>EXAM INIT.</b>		<b>DOCUMENT NUMBER</b>	<b>DATE</b>	<b>COUNTRY CODE</b>	<b>CLASS</b>	<b>SUB CLASS</b>	<b>FILING DATE</b>	<b>ABSTRACT ONLY</b>	<b>ENGLISH LANG (Y/N)</b>
	B108	0 428 267 B1	12/11/96	EP					Y
	B109	0 428 596 B1	4/17/96	EP					Y
	B110	0 433 827 B1	3/4/98	EP					Y
	B111	0 519 596 A1	12/23/92	EP					Y
	B112	0 668 351 B1	9/22/99	EP					Y
	B113	0 699 755 A2	3/6/96	EP					Y
	B114	2 188 638	10/7/87	GB					Y
	B115	WO 92/10755	6/25/92	PCT					Y
	B116	WO 94/25609	11/10/94	PCT					Y
	B117	WO 96/40792	12/19/96	PCT					Y
	B118	WO 98/52976	11/26/98	PCT					Y
	B119	WO 00/01822	1/13/00	PCT					Y
	B120	WO 02/074783	9/26/02	PCT					Y

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OTHER ART, JOURNAL ARTICLES, ETC.		
EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)	
	C260	Aichele <i>et al.</i> , (1994), "Peptide-Induced T-Cell Tolerance to Prevent Autoimmune Diabetes in a Transgenic Mouse Model," <u>Proc. Natl. Acad. Sci. USA</u> , 91:444-448.
	C261	Altschul <i>et al.</i> , (1990), "Basic Local Alignment Search Tool," <u>J. Mol. Biol.</u> , 215:403-10.
	C262	Altschul <i>et al.</i> , (1997), "Gapped BLAST and PSI-BLAST: A New Generation of Protein Database Search Programs," <u>Nucleic Acids Res.</u> , 25(17):3389-3402.
	C263	Anderson <i>et al.</i> , (1980), "Characterization of the Fc Receptor for IgG on a Human Macrophage Cell Line U937," <u>J. Immunol.</u> , 125(6):2735-41.
	C264	Anderson <i>et al.</i> , (1994), "Effects of Route and Formulation on Clinical Pharmacokinetics of Interleukin-2," <u>Clin. Pharmacokinet.</u> , 27(1):19-31.
	C265	Baici <i>et al.</i> , (1980), "Kinetics of the Different Susceptibilities of the Four Human Immunoglobulin G Subclasses to Proteolysis by Human Lysosomal Elastase," <u>Scand. J. Immunol.</u> , 12(1):41-50.
	C266	Barbulescu <i>et al.</i> , (1998), "IL-12 and IL-18 Differentially Regulate the Transcriptional Activity of the Human IFN- $\gamma$ Promoter in Primary CD4+ T Lymphocytes," <u>J. Immunol.</u> , 160:3642-7.
	C267	Bednarek <i>et al.</i> , (1991), "Soluble HLA-A2.1 Restricted Peptides that are Recognized by Influenza Virus Specific Cytotoxic T Lymphocytes," <u>J. Immunol. Methods</u> , 139:41-47.
	C268	Benacerraf <i>et al.</i> , (1959), "The Clearance of Antigen Antibody Complexes from the Blood by the Reticulo-Endothelial System," <u>J. Immunol.</u> , 82:131-7.
	C269	Böhm, (1994), "On the Use of LUDI to Search the Fine Chemicals Directory for Ligands of Proteins of Known Three-Dimensional Structure," <u>J. Comput. Aided Mol. Des.</u> , 8:623-32.
	C270	Böhm, (1994), "The Development of a Simple Empirical Scoring Function to Estimate the Binding Constant for a Protein-Ligand Complex of Known Three-Dimensional Structure," <u>J. Comput. Aided Mol. Des.</u> , 8(3):243-56.
	C271	Böhm, (1998), "Prediction of Binding Constants of Protein Ligands: A Fast Method for the Prioritization of Hits Obtained from De Novo Design or 3D Database Search Programs," <u>J. Comput. Aided Mol. Des.</u> , 12(4):309-23.
	C272	Boshart <i>et al.</i> , (1985), "A Very Strong Enhancer is Located Upstream of an Immediate Early Gene of Human Cytomegalovirus," <u>Cell</u> , 41:521-530.
	C273	Boulianne <i>et al.</i> , (1984), "Production of Functional Chimaeric Mouse/Human Antibody," <u>Nature</u> , 312:643-6.
	C274	Bourgois <i>et al.</i> , (1974), "Determination of the Primary Structure of a Mouse IgG2a Immunoglobulin: Amino-Acid Sequence of the Fc Fragment: Implications for the Evolution of Immunoglobulin Structure and Function," <u>Eur. J. Biochem.</u> , 43:423-35.
	C275	Brambell <i>et al.</i> , (1964), "A Theoretical Model of $\gamma$ -Globulin Catabolism," <u>Nature</u> , 203:1352-55.
	C276	Brazolot Millan <i>et al.</i> , (1998), "Cpg DNA Can Induce Strong TH1 Humoral and Cell-Mediated Immune Responses against Hepatitis B Surface Antigen in Young Mice," <u>Proc. Natl. Acad. Sci. USA</u> , 95:15553-8.
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	C277	Brekke <i>et al.</i> , (1994), "Human IgG Isotype-Specific Amino Acid Residues Affecting Complement-Mediated Cell Lysis and Phagocytosis," <u>Eur. J. Immunol.</u> , 24:2542-2547.
	C278	Brem <i>et al.</i> , (1993), "The Combination of Antiangiogenic Agents to Inhibit Primary Tumor Growth and Metastasis," <u>J. Pediatr. Surg.</u> , 28(10):1253-7.
	C279	Brooks <i>et al.</i> , (1983), "CHARMM: A Program for Macromolecular Energy, Minimization, and Dynamics Calculations," <u>J. Comput. Chemistry</u> , 4:187-217.
	C280	Broudy <i>et al.</i> , (1988), "Recombinant Human Erythropoietin: Purification and Analysis of Carbohydrate Linkage," <u>Arch. Biochem. Biophys.</u> , 265:329-36.
	C281	Bubenik <i>et al.</i> , (1995), "Interleukin-2 Gene Therapy of Residual EL-4 Leukaemia Potentiates the Effect of Cyclophosphamide Pretreatment," <u>J. Cancer Res. Clin. Oncol.</u> , 121:39-43.
	C282	Bumol <i>et al.</i> , (1982), "Unique Glycoprotein-Proteoglycan Complex Defined by Monoclonal Antibody on Human Melanoma Cells," <u>Proc. Natl. Acad. Sci. USA</u> , 79:1245-9.
	C283	Carnemolla <i>et al.</i> , (1989), "A Tumor-Associated Fibronectin Isoform Generated by Alternative Splicing of Messenger RNA Precursors," <u>J. Cell. Biol.</u> , 108:1139-1148.
	C284	Carnemolla <i>et al.</i> , (1992), "The Inclusion of the Type III Repeat ED-B in the Fibronectin Molecule Generates Conformational Modifications that Unmask a Cryptic Sequence," <u>J. Biol. Chem.</u> , 267(34):24689-24692.
	C285	Cazzola <i>et al.</i> , (1998), "Red Blood Cell Precursor Mass as an Independent Determinant of Serum Erythropoietin Level," <u>Blood</u> , 91:2139-45.
	C286	Chan <i>et al.</i> , (1992), "Mechanisms of IFN- $\gamma$ Induction by Natural Killer Cell Stimulatory Factor (NKSF/IL-12). Role of Transcription and mRNA Stability in the Synergistic Interaction Between NKSF and IL-2," <u>J. Immunol.</u> , 148:92-98.
	C287	Chappel <i>et al.</i> , (1991), "Identification of the Fc Gamma Receptor Class I Binding Site In Human IgG Through Use of Recombinant IgG1/IgG2 Hybrid and Point-Mutated Antibodies," <u>Proc. Natl. Acad. Sci. USA</u> , 88(20):9036-40.
	C288	Cheetham, (1998), "NMR Structure of Human Erythropoietin and a Comparison with its Receptor Bound Conformation," <u>Nat. Struct. Biol.</u> , 5:861-6.
	C289	Ciardiello <i>et al.</i> , (1996), "Antitumor Activity of Combined Blockade of Epidermal Growth Factor Receptor and Protein Kinase A," <u>J. Natl. Cancer Inst.</u> , 88:1770-6.
	C290	Cirulli <i>et al.</i> , (1998), "KSA Antigen Ep-CAM Mediates Cell-Cell Adhesion of Pancreatic Epithelial Cells: Morphoregulatory Roles in Pancreatic Islet Development," <u>J. Cell Biol.</u> , 140:1519-34.
	C291	Cohen <i>et al.</i> , (1998), "An Artificial Cell-Cycle Inhibitor Isolated from a Combinatorial Library," <u>Proc. Natl. Acad. Sci. USA</u> , 95:14272-7.
	C292	Congote <i>et al.</i> , (1984), The Erthrotropins, New Erythroid Cell Stimulate Factors Extracted From Human and Bovine Fetal Tissues," Abstract 364, "Proceedings 7 <sup>th</sup> Intl. Congress of Endocrinology," Quebec City, Quebec, July 1-7, 1984.

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	C293	Congote, (1983), "Isolation of Two Biologically Active Peptides, Erythropoietin I and Erythropoietin II from Fetal Calf Intestine," <u>Biochem. Biophys. Res. Commun.</u> , 115(2):477-83.	
	C294	Congote, (1984), "Extraction from Fetal Bovine Serum of Erythropoietin, an Erythroid Cell-Stimulating Factor," <u>Anal. Biochem.</u> , 140:428-33.	
	C295	Cosenza <i>et al.</i> , (1997), "Disulfide Bond Assignment in Human Interleukin-7 by Matrix-Assisted Laser Desorption/Ionization Mass Spectroscopy and Site-Directed Cysteine to Serine Mutational Analysis," <u>J. Biol. Chem.</u> , 272:32995-3000.	
	C296	Cunningham <i>et al.</i> , (1989), "High-Resolution Epitope Mapping of hGH-Receptor Interactions by Alanine-Scanning Mutagenesis," <u>Science</u> , 244:1081-85.	
	C297	Curiel <i>et al.</i> , (1991), "Adenovirus Enhancement of Transferrin-Polylysine-Mediated Gene Delivery," <u>Proc. Natl. Acad. Sci. USA</u> , 88:8850-4.	
	C298	Dauber-Osguthorpe <i>et al.</i> , (1988), "Structure and Energetics of Ligand Binding to Proteins: Escherichia Coli Dihydrofolate Reductase-Trimethoprim, A Drug-Receptor System," <u>Proteins</u> , 4:31-47.	
	C299	Daugherty <i>et al.</i> , (1991), "Polymerase Chain Reaction Facilitates the Cloning, CDR-Grafting, and Rapid Expression of a Murine Monoclonal Antibody Directed Against the CD18 Component of Leukocyte Integrins," <u>Nucleic Acid Res.</u> , 19:2471-2476.	
	C300	De Bruijn <i>et al.</i> , (1995), "Phagocyte-Induced Antigen-Specific Activation of Unprimed CD8+ T Cells in Vitro," <u>Eur. J. Immunol.</u> , 25:1274-85.	
	C301	Delorme <i>et al.</i> , (1992), "Role of Glycosylation on the Secretion and Biological Activity of Erythropoietin," <u>Biochemistry</u> , 31:9871-6.	
	C302	Desai <i>et al.</i> , (1992), "IL-12 Receptor. II. Distribution and Regulation of Receptor Expression," <u>J. Immunol.</u> , 148:3125-32.	
	C303	Donnelly <i>et al.</i> , (1993), "Targeted Delivery of Peptide Epitopes to Class I Major Histocompatibility Molecules by a Modified Pseudomonas Exotoxin," <u>Proc. Natl. Acad. Sci. USA</u> , 90:3530-4.	
	C304	Donnelly <i>et al.</i> , (1997), "DNA Vaccines," <u>Annu. Rev. Immunol.</u> , 15:617-48.	
	C305	Dube <i>et al.</i> , (1988), "Glycosylation at Specific Sites of Erythropoietin is Essential for Biosynthesis, Secretion, and Biological Function," <u>J. Biol. Chem.</u> , 263:17516-21.	
	C306	Ellison <i>et al.</i> , (1982), "The Nucleotide Sequence of a Human Immunoglobulin C $\gamma_1$ Gene," <u>Nucleic Acids Res.</u> , 10:4071-9.	
	C307	Faas <i>et al.</i> , (1993), "Phenotypically Diverse Mouse Thymic Stromal Cell Lines which Induce Proliferation and Differentiation Of Hematopoietic Cells," <u>Eur. J. Immunol.</u> , 23:1201-14.	
	C308	Farner <i>et al.</i> , (1995), "Distinction Between $\gamma_c$ C Detection and Function in YT Lymphoid Cells and in the Granulocyte-Macrophage Colony-Stimulating Factor-Responsive Human Myeloid Cell Line, Tf-1," <u>Blood</u> , 86:4568-78.	
	C309	Fawell <i>et al.</i> , (1994), "Tat-Mediated Delivery of Heterologous Proteins into Cells," <u>Proc. Natl. Acad. Sci. USA</u> , 91:664-8.	
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	C310	Fu <i>et al.</i> , (1993), "The Sheep Erythropoietin Gene: Molecular Cloning and Effect of Hemorrhage on Plasma Erythropoietin and Renal/Liver Messenger RNA in Adult Sheep," <u>Mol. Cell. Endocrinol.</u> , 93:107-16.
	C311	Gainsford <i>et al.</i> , (1996), "Leptin Can Induce Proliferation, Differentiation, and Functional Activation of Hemopoietic Cells," <u>Proc. Natl. Acad. Sci. USA</u> , 93:14564-14568.
	C312	Gammon <i>et al.</i> , (1992), "Endogenous Loading of HLA-A2 Molecules with an Analog of the Influenza Virus Matrix Protein-Derived Peptide and Its Inhibition By An Exogenous Peptide Antagonist," <u>J. Immunol.</u> , 148:7-12.
	C313	Ghetie <i>et al.</i> , (1990), "Disseminated or Localized Growth of a Human B-Cell Tumor (Daudi) in SCID Mice," <u>Intl. J. Cancer</u> , 45:485.
	C314	Ghetie <i>et al.</i> , (1997), "FcRn: The MHC Class I-Related Receptor that is More Than an IgG Transporter," <u>Immunology Today</u> , 18(12):592-598.
	C315	Goldwasser <i>et al.</i> , (1971), "Purification of Erythropoietin," <u>Proc. Natl. Acad. Sci. USA</u> , 68:697-8.
	C316	Goldwasser <i>et al.</i> , (1975), "Erythropoietin: Assay and Study of its Mode of Action," <u>Methods Enzymol.</u> , 37(PtB):109-21.
	C317	Gurewich <i>et al.</i> , (1988), "Characterization of the Intrinsic Fibrinolytic Properties of Pro-Urokinase Through a Study of Plasmin-Resistant Mutant Forms Produced by Site-Specific Mutagenesis of Lysine," <u>J. Clin. Invest.</u> , 82:1956-1962.
	C318	Hashimoto <i>et al.</i> , (1999), "Differential Antitumor Effects of Administration of Recombinant IL-18 or Recombinant IL-12 are Mediated Primarily by Fas-Fas Ligand- and Perforin-Induced Tumor Apoptosis, Respectively," <u>J. Immunol.</u> , 163:583-9.
	C319	Henikoff <i>et al.</i> , (1992), "Amino Acid Substitution Matrices from Protein Blocks," <u>Proc. Natl. Acad. Sci. USA</u> , 89:10915-10919.
	C320	Hilgers <i>et al.</i> , (1999), "Sulfolipo-Cyclodextrin in Squalane-In-Water as a Novel and Safe Vaccine Adjuvant," <u>Vaccine</u> , 17:219-28.
	C321	Hori <i>et al.</i> , (1987), "Establishment of an Interleukin 2-Dependent Human T Cell Line from a Patient with T Cell Chronic Lymphocytic Leukemia Who is Not Infected with Human T Cell Leukemia/Lymphoma Virus," <u>Blood</u> , 70:1069-72.
	C322	Hulett <i>et al.</i> (1994), "Molecular Basis of Fc Receptor Function," <u>Adv. Immunol.</u> , 57:1127.
	C323	Huston <i>et al.</i> , (1988), "Protein Engineering of Antibody Binding Sites: Recovery of Specific Activity in an Anti-Digoxin Single-Chain Fv Analogue Produced In Escherichia Coli," <u>Proc. Natl. Acad. Sci. USA</u> , 85:5879-5883.
	C324	Isaacs <i>et al.</i> , (1998), "Therapy with Monoclonal Antibodies. II. The Contribution of Fcγ Receptor Binding and the Influence of CH1 and CH3 Domains on In Vivo Effector Function," <u>J. Immunol.</u> , 161:3862-3869.
	C325	Jacobs <i>et al.</i> , (1985), "Isolation and Characterization of Genomic And cDNA Clones of Human Erythropoietin," <u>Nature</u> , 313:806-10.

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	C326	Jefferis <i>et al.</i> , (1990), "Molecular Definition of Interaction Sites on Human IgG for Fc Receptors huFcγR," <u>Mol. Immunol.</u> , 27(12):1237-1240.
	C327	Karlin <i>et al.</i> , (1990), "Methods for Assessing the Statistical Significance of Molecular Sequence Features by Using General Scoring Schemes," <u>Proc. Natl. Acad. Sci. USA</u> , 87:2264-8.
	C328	Karlin <i>et al.</i> , (1993), "Applications and Statistics for Multiple High-Scoring Segments in Molecular Sequences," <u>Proc. Natl. Acad. Sci. USA</u> , 90:5873-7.
	C329	Karpusas <i>et al.</i> , (1997), "The Crystal Structure of Human Interferon β at 2.2-Å Resolution," <u>Proc. Natl. Acad. Sci. USA</u> , 94:11813-11818.
	C330	Kelner <i>et al.</i> , (1994), "Lymphotoxin: A Cytokine that Represents a New Class of Chemokine," <u>Science</u> , 266:1395-9.
	C331	King <i>et al.</i> , (2004), "Phase I Clinical Trial of the Immunocytokine EMD 273063 in Melanoma Patients," <u>J. Clin. Oncol.</u> , 22(22):4463-73.
	C332	Klinman <i>et al.</i> , (1997), "Contribution of CpG Motifs to the Immunogenicity of DNA Vaccines," <u>J. Immunol.</u> , 158:3635-9.
	C333	Ko <i>et al.</i> , (2004), "Safety, Pharmacokinetics, and Biological Pharmacodynamics of the Immunocytokine EMD 273066 (huKS-IL2)," <u>J. Immunotherapy</u> , 27:232-239.
	C334	Kuntz <i>et al.</i> , (1982), "A Geometric Approach to Macromolecule-Ligand Interactions," <u>J. Mol. Biol.</u> , 161:269-88.
	C335	Kurtz, (1982), "A New Candidate for the Regulation of Erythropoiesis. Insulin-Like Growth Factor I," <u>FEBLAL.</u> , 149(1):105-8.
	C336	Lai <i>et al.</i> , (1986), "Structural Characterization of Human Erythropoietin," <u>J. Biol. Chem.</u> , 261:3116-21.
	C337	Lai <i>et al.</i> , (1998), "DNA Vaccines," <u>Crit. Rev. Immunol.</u> , 18:449-84.
	C338	Lanza <i>et al.</i> , (1993), "Active Immunity against the CD4 Receptor by Using an Antibody Antigenized with Residues 41-55 of the First Extracellular Domain," <u>Proc. Natl. Acad. Sci. USA</u> , 90:11683-7.
	C339	Lawn <i>et al.</i> , (1981), "DNA Sequence of a Major Human Leukocyte Interferon Gene," <u>Proc. Natl. Acad. Sci. USA</u> , 78:5435-9.
	C340	Lin <i>et al.</i> , (1985), "Cloning and Expression of the Human Erythropoietin Gene," <u>Proc. Natl. Acad. Sci. USA</u> , 82:7580-4.
	C341	Lin <i>et al.</i> , (1986), "Monkey Erythropoietin Gene: Cloning, Expression and Comparison with the Human Erythropoietin Gene," <u>Gene</u> , 44:201-9.
	C342	Lode <i>et al.</i> , (1998), "Gene Therapy with a Single Chain Interleukin 12 Fusion Protein Induces T Cell-Dependent Protective Immunity in a Syngeneic Model of Murine Neuroblastoma," <u>Proc. Natl. Acad. Sci. USA</u> , 95:2475-80.
EXAMINER		DATE CONSIDERED

FORM PTO - 1449		ATTORNEY DOCKET NO.: LEX-003
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OTHER ART, JOURNAL ARTICLES, ETC.		
EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)	
	C343	Lorenz <i>et al.</i> , (1999), "Induction of Anti-Tumor Immunity Elicited by Tumor Cells Expressing a Murine LFA-3 Analog Via a Recombinant Vaccinia Virus," <u>Hum. Gene Ther.</u> , 10:623-31.
	C344	Lotze <i>et al.</i> , (1996), "Cytokine Gene Therapy of Cancer Using Interleukin-12: Murine and Clinical Trials," <u>Ann. NY Acad. Sci.</u> , 795:440-54.
	C345	Macdougall <i>et al.</i> , (1999), "Pharmacokinetics of Novel Erythropoiesis Stimulating Protein Compared with Epoetin Alfa in Dialysis Patients," <u>J. Am. Soc. Nephrol.</u> , 10:2392-5.
	C346	MacLean <i>et al.</i> , (1996), "Enhancing the Effect of Theratope STn-KLH Cancer Vaccine in Patients with Metastatic Breast Cancer by Pretreatment with Low-Dose Intravenous Cyclophosphamide," <u>J. Immunother.</u> , 19(4):309-316.
	C347	Maghazachi <i>et al.</i> , (1997), "Interferon-Inducible Protein-10 and Lymphotoxin Induce the Chemotaxis and Mobilization of Intracellular Calcium in Natural Killer Cells through Pertussis Toxin-Sensitive and -Insensitive Heterotrimeric G-Proteins," <u>FASEB J.</u> , 11:765-74.
	C348	Mariani <i>et al.</i> , (1997), "Tumor Targeting Potential of the Monoclonal Antibody BC-1 against Oncofetal Fibronectin in Nude Mice Bearing Human Tumor Implants," <u>Cancer</u> , 80:2378-84.
	C349	Marshall <i>et al.</i> , (1994), "Role of the Polymorphic Residues in HLA-DR Molecules in Allele-Specific Binding of Peptide Ligands," <u>J. Immunol.</u> , 152:4946-57.
	C350	Marshall <i>et al.</i> , (1995), "Prediction of Peptide Affinity to HLA-DR Molecules," <u>Biomed. Pept. Proteins Nucleic Acids</u> , 1(3):157-62.
	C351	McDonald, (1986), "Cloning, Sequencing, and Evolutionary Analysis of the Mouse Erythropoietin Gene," <u>Mol. Cell. Biol.</u> , 6:842-8.
	C352	McGonigle <i>et al.</i> , (1984), "Erythropoietin Deficiency and Inhibition of Erythropoiesis in Renal Insufficiency," <u>Kidney Int.</u> , 25(2):437-44.
	C353	McMahan <i>et al.</i> , (1991), "A Novel IL-1 Receptor, Cloned From B-Cells by Mammalian Expression is Expressed in Many Cell Types," <u>EMBO J.</u> , 10:2821-32.
	C354	McMahon <i>et al.</i> , (1990), "Pharmacokinetics and Effects of Recombinant Human Erythropoietin after Intravenous and Subcutaneous Injections in Healthy Volunteers," <u>Blood</u> , 76:1718-22
	C355	Mehrotra <i>et al.</i> , (1993), "Effects of IL-12 on the Generation of Cytotoxic Activity in Human CD8+ T Lymphocytes," <u>J. Immunol.</u> , 151:2444-52.
	C356	Menard <i>et al.</i> , (1983), "Generation of Monoclonal Antibodies Reacting with Normal and Cancer Cells of Human Breast," <u>Cancer Res.</u> , 43:1295-300.
	C357	Miyake <i>et al.</i> , (1977), "Purification of Human Erythropoietin," <u>J. Biol. Chem.</u> , 252:5558-64.
	C358	Miyake <i>et al.</i> , (1988), "Synthesis of Recombinant Human Single-Chain Urokinase-Type Plasminogen Activator Variants Resistant to Plasmin and Thrombin," <u>J. Biochem.</u> , 104:643-647.

EXAMINER	DATE CONSIDERED
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EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)	
	C359	Morrison <i>et al.</i> , (1984), "Chimeric Human Antibody Molecules: Mouse Antigen-Binding Domains with Human Constant Region Domains," <u>Proc. Natl. Acad. Sci. USA</u> , 81:6851-5.
	C360	Nagao <i>et al.</i> , (1992), "Nucleotide Sequence of Rat Erythropoietin," <u>Biochim. Biophys. Acta</u> , 1171(1):99-102.
	C361	Nastala <i>et al.</i> , (1994), "Recombinant IL-12 Administration Induces Tumor Regression in Association with IFN- $\gamma$ Production," <u>J. Immunol.</u> , 153:1697-706.
	C362	Naughton <i>et al.</i> , (1983), "Evidence for an Erythropoietin-Stimulating Factor in Patients with Renal and Hepatic Disease," <u>Acta. Haemat.</u> , 69:171-9.
	C363	Neal <i>et al.</i> , (2004), "Enhanced Activity of Hu14.18-IL2 Immunocytokine against Murine NXS2 Neuroblastoma when Combined with Interleukin-2 Therapy," <u>Clin. Cancer Res.</u> , 10:4839-4847.
	C364	Nelles <i>et al.</i> , (1987), "Characterization of Recombinant Human Single Chain Urokinase-Type Plasminogen Activator Mutants Produced by Site-Specific Mutagenesis of Lysine 158," <u>J. Biol. Chem.</u> , 262(12):5682-5689.
	C365	Noguchi <i>et al.</i> , (1994), "A Mouse Mutant P53 Product Recognized by CD4+ and CD8+ T Cells," <u>Proc. Natl. Acad. Sci. USA</u> , 91:3171-5.
	C366	Orlandi <i>et al.</i> , (1989), "Cloning Immunoglobulin Variable Domains for Expression by the Polymerase Chain Reaction," <u>Proc. Natl. Acad. Sci. USA</u> , 86:3833-7.
	C367	Palucka <i>et al.</i> , (1998), "Dendritic Cells as the Terminal Stage of Monocyte Differentiation," <u>J. Immunol.</u> , 160:4587-95.
	C368	Panina-Bordignon <i>et al.</i> , (1989), "Universally Immunogenic T Cell Epitopes: Promiscuous Binding to Human MHC Class II and Promiscuous Recognition by T Cells," <u>Eur. J. Immunol.</u> , 19:2237-42
	C369	Pavlović-Kentera <i>et al.</i> , (1980), "Effects of Prostaglandin Synthetase Inhibitors, Salt Overload and Renomedullary Dissection on the Hypoxia Stimulated Erythropoietin Production in Rats," <u>Exp. Hematol.</u> , 8(Supp. 8):283-92.
	C370	Pedley <i>et al.</i> (1999), "Enhancement of Antibody-Directed Enzyme Prodrug Therapy in Colorectal Xenografts by an Antivascular Agent," <u>Cancer Res.</u> , 59:3998-4003.
	C371	Perussia <i>et al.</i> , (1992), "Natural Killer (NK) Cell Stimulatory Factor or IL-12 Has Differential Effects on the Proliferation of TCR- $\alpha\beta$ +, TCR- $\gamma\delta$ + T Lymphocytes, and NK Cells," <u>J. Immunol.</u> , 149:3495-502.
	C372	Pluschke <i>et al.</i> , (1996), "Molecular Cloning of a Human Melanoma-Associated Chondroitin Sulfate Proteoglycan," <u>Proc. Natl. Acad. Sci. USA</u> , 93:9710-5.
	C373	Poon <i>et al.</i> , (1995), "Structure and Function of Several Anti-Dansyl Chimeric Antibodies Formed by Domain Interchanges Between Human IgM and Mouse IgG2b," <u>J. Biol. Chem.</u> , 270:8571-7.
	C374	Queen <i>et al.</i> , (1989), "A Humanized Antibody that Binds to the Interleukin 2 Receptor," <u>Proc. Natl. Acad. Sci. USA</u> , 86:10029-33.
	C375	Radhakrishnan <i>et al.</i> , (1996), "Zinc Mediated Dimer of Human Interferon- $\alpha_{2b}$ Revealed by X-Ray Crystallography," <u>Structure</u> 4(12):1453-63.
EXAMINER		DATE CONSIDERED

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	C376	Ramachandran <i>et al.</i> , (1968) "Conformation of Polypeptides and Proteins," <u>Adv. Prot. Chem.</u> , 23:283-299.
	C377	Rarey <i>et al.</i> , (1995), "Time-Efficient Docking of Flexible Ligands into Active Sites Of Proteins," <u>Proc. Int. Conf. Intell. Syst. Mol. Biol.</u> 3:300-8.
	C378	Resegotti <i>et al.</i> , (1981), "Treatment of Aplastic Anaemia with Methenolone, Stanozolol and Nandrolone. A Report of 130 Cases," <u>Pan. Med.</u> , 23:243-8.
	C379	Riechmann <i>et al.</i> , (1988), "Reshaping Human Antibodies for Therapy," <u>Nature</u> , 332:323-7.
	C380	Robinson <i>et al.</i> , (1998), "Optimizing the Stability of Single-Chain Proteins by Linker Length and Composition Mutagenesis," <u>Proc. Natl. Acad. Sci. USA</u> , 95:5929-34.
	C381	Rothmann <i>et al.</i> , (1982), "Erythropoietin-Dependent Erythrocytosis associated with Hepatic Angiosarcoma," <u>J. Surg. Oncol.</u> , 20:105-8.
	C382	Runkel <i>et al.</i> , (1998), "Structural and Functional Differences Between Glycosylated and Non-Glycosylated Forms of Human Interferon- $\beta$ (IFN- $\beta$ )," <u>Pharmaceutical Res.</u> , 15:641-649.
	C383	Sakano <i>et al.</i> , (1980), "Two Types of Somatic Recombination are Necessary for the Generation of Complete Immunoglobulin Heavy-Chain Genes," <u>Nature</u> , 286:676-683.
	C384	Säli <i>et al.</i> , (1993), "Comparative Protein Modelling by Satisfaction of Spatial Restraints," <u>J. Mol. Biol.</u> , 234:779-815.
	C385	Schechter <i>et al.</i> , (1997), "Tissue Factor is Induced by Monocyte Chemoattractant Protein-1 in Human Aortic Smooth Muscle And THP-1 Cells," <u>J. Biol. Chem.</u> , 272:28568-73.
	C386	Sharp <i>et al.</i> , (1988), "Codon Usage Patterns in <i>Escherichia coli</i> , <i>Bacillus subtilis</i> , <i>Saccharomyces cerevisiae</i> , <i>Schizosaccharomyces pombe</i> , <i>Drosophila melanogaster</i> and <i>Homo sapiens</i> ; a Review of the Consdierable Within-Species Diversity," <u>Nucleic Acids Res.</u> , 16(17):8207-8211.
	C387	Simonsen <i>et al.</i> , (1983), "Isolation and Expression of an Altered Mouse Dihydrofolate Reductase cDNA," <u>Proc. Natl. Acad. Sci. USA</u> , 80:2495-2499.
	C388	Smith <i>et al.</i> , (1981), "Identification of Common Molecular Subsequences," <u>J. Mol. Biol.</u> , 147:195-197.
	C389	Soligo <i>et al.</i> , (1998), "Expansion of Dendritic Cells Derived from Human CD34+ Cells in Static And Continuous Perfusion Cultures," <u>Br. J. Haematol.</u> , 101:352-63.
	C390	Spivak <i>et al.</i> , (1989), "The In Vivo Metabolism of Recombinant Human Erythropoietin in The Rat," <u>Blood</u> , 73:90-9.
	C391	Sturniolo <i>et al.</i> , (1999), "Generation of Tissue-Specific and Promiscuous HLA Ligand Databases Using DNA Microarrays and Virtual HLA Class II Matrices," <u>Nat. Biotech.</u> , 17(6):555-61.
	C392	Suliman <i>et al.</i> , (1996), "Cloning of a cDNA Encoding Bovine Erythropoietin and Analysis of Its Transcription in Selected Tissues," <u>Gene</u> , 171:275-80.

EXAMINER	DATE CONSIDERED
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FORM PTO - 1449		ATTORNEY DOCKET NO.: LEX-003
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	C393	Taniguchi <i>et al.</i> , (1980), "Expression of the Human Fibroblast Interferon Gene in Escherichia Coli," <u>Proc. Natl. Acad. Sci. USA</u> , 77:5230-5233.
	C394	Thurner, (1999), "Generation of Large Numbers of Fully Mature and Stable Dendritic Cells from Leukapheresis Products for Clinical Application," <u>J. Immunol. Methods</u> , 223:1-15.
	C395	Tiruppathi <i>et al.</i> , (1996), "Isolation and Characterization of a Cell Surface Albumin-Binding Protein from Vascular Endothelial Cells," <u>Proc. Nat. Acad. Sci. USA</u> , 93:250-4.
	C396	Van Den Eynde <i>et al.</i> , (1989), "Presence on a Human Melanoma of Multiple Antigens Recognized By Autologous CTL," <u>Int. J. Cancer</u> , 44:634-40.
	C397	Van Der Bruggen <i>et al.</i> , (1991), "A Gene Encoding an Antigen Recognized by Cytolytic T Lymphocytes on a Human Melanoma," <u>Science</u> , 254:1643-7
	C398	Van Heyningen <i>et al.</i> , (1982), "Human MHC Class II Molecules as Differentiation Markers," <u>Immunogenetics</u> , 16:459-69
	C399	Voest <i>et al.</i> , (1995), "Inhibition of Angiogenesis in Vivo by Interleukin 12," <u>J. Natl. Canc. Inst.</u> , 87:581-6.
	C400	Von Heijne <i>et al.</i> , (1986), "A New Method for Predicting Signal Sequence Cleavage Sites," <u>Nucleic Acid Res.</u> , 14:4683-4690.
	C401	Ward <i>et al.</i> , (1995), "The Effector Functions of Immunoglobulins: Implications for Therapy," <u>Therapeutic Immunology</u> , 2:77-94.
	C402	Watson <i>et al.</i> , (1984), "Compilation of Published Signal Sequences," <u>Nucleic Acid Res.</u> , 12:5145-5164.
	C403	Weber <i>et al.</i> , (2001), "Phase I Trial of huKS-IL2 Immunocytokine in Patients with Prostate Carcinoma: Clinical, PK, and Biological PD Results (Abstract)," <u>American Society of Clinical Oncology Program/Proceedings</u> , 20(Part 1):259a.
	C404	Weitkamp <i>et al.</i> , (1973), "Additional Data on the Population Distribution of Human Serum Albumin Genes; Three New Variants," <u>Ann. Hum. Genet.</u> , 37:219-26.
	C405	Woof <i>et al.</i> , (1986), "Localisation of the Monocyte-Binding Region on Human Immunoglobulin G," <u>Mol. Immunol.</u> , 23:319-30.
	C406	Wyatt <i>et al.</i> , (1998), "The Antigenic Structure of the HIV gp120 Envelope Glycoprotein," <u>Nature</u> , 393:705-11.
	C407	Wysocka <i>et al.</i> , (1995), "Interleukin-12 is Required for Interferon- $\gamma$ Production and Lethality in Lipopolysaccharide-Induced Shock in Mice," <u>Eur. J. Immunol.</u> , 25:672-6.
	C408	Yan <i>et al.</i> , (1996), "Characterization of an Ig VH Idiotope that Results in Specific Homophilic Binding and Increased Avidity for Antigen," <u>J. Immunol.</u> , 157:1582-8.
	C409	Yeh <i>et al.</i> , (1992), "Design of Yeast-Secreted Albumin Derivatives for Human Therapy: Biological and Antiviral Properties of a Serum Albumin-CD4 Genetic Conjugate," <u>Proc. Natl. Acad. Sci. USA</u> , 89:1904-8.

EXAMINER	DATE CONSIDERED
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<b>FORM PTO - 1449</b> <b>SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT</b>		<b>ATTORNEY DOCKET NO.: LEX-003</b> <b>APPLICANT(S): Gillies <i>et al.</i></b> <b>SERIAL NO.: 09/256,156</b> <b>FILING DATE: February 24, 1999      GROUP: 1647</b>	
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	C410	Zhang <i>et al.</i> , (1994), "Structure/Activity Analysis of Human Monocyte Chemoattractant Protein-1 (MCP-1) by Mutagenesis," <u>J. Biol. Chem.</u> , 269:15918-24.	
	C411	Zuckier <i>et al.</i> , (1998), "Chimeric Human-Mouse IgG Antibodies with Shuffled Constant Region Exons Demonstrate that Multiple Domains Contribute to In Vivo Half-Life," <u>Cancer Res.</u> , 58(17):3905-8.	
<b>EXAMINER</b>		<b>DATE CONSIDERED</b>	

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<b>EXAMINER</b>	<b>DATE CONSIDERED</b>
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